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**DATE:** March 17, 2009

**PTO IDENTIFIER:** Application Number 10/593,480-Conf. #2593  
Patent Number

**Inventor:** Kwang-Jin LEE et al.

**MESSAGE TO:** US Patent and Trademark Office

**FAX NUMBER:** (571) 273-8300

**FROM:** BIRCH, STEWART, KOLASCH & BIRCH, LLP

Jun S. Ha

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**Attorney Dkt. #:** 5706-0103PUS1

**PAGES (Including Cover Sheet):** 12

**CONTENTS:** Fax Cover Sheet (1 page)  
Certificate of Transmission (1 page)  
Amendment Transmittal (1 page)  
Amendment in Response to Non-Final Office Action (9 pages)

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PTO/SB/97 (08-04)

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Application No. (if known): 10/593,480

Attorney Docket No.: 5706-0103PUS1

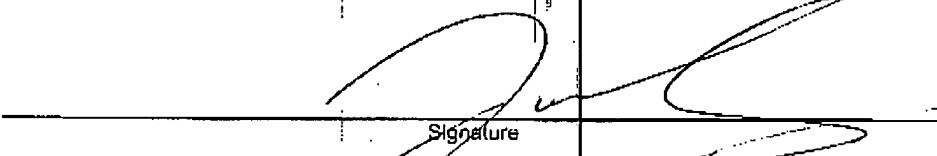
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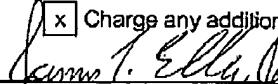
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AMENDMENT TRANSMITTAL LETTER				Docket No. 5708-0103PUS1	
Application No. 10/593,480-Conf. #2593	Filing Date September 20, 2006		Examiner K. M. Zalasky	Art Unit 1797	
Applicant(s): Kwang-Jin LEE et al.					
Invention: SUBMERGED HOLLOW FIBER MEMBRANE MODULE					
MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	13	- 20 =	0	x 52.00	0.00
Independent Claims	1	- 3 =	0	x 220.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b> 0.00					
<input checked="" type="checkbox"/> Large Entity			<input type="checkbox"/> Small Entity		
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____ A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 02-2448 as described below. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 James T. Eller, Jr.			Dated: March 17, 2009		
Attorney Reg. No.: 39,538					
BIRCH, STEWART, KOLASCH & BIRCH, LLP 8110 Gatehouse Road Suite 100 East P.O. Box 747 Falls Church, Virginia 22040-0747 (703) 205-8000					

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Docket No.: 5706-0103PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kwang-Jin LEE et al.

Application No.: 10/593,480

Confirmation No.: 2593

Filed: September 20, 2006

Art Unit: 1797

For: SUBMERGED HOLLOW FIBER MEMBRANE  
MODULE

Examiner: K. M. Zalasky

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Madam:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated December 17, 2008, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.